

What is claimed is:

1. A heat exchanger comprising;  
an evaporator;
- 5 a blower;  
an air inlet unit; and  
an air outlet unit,  
wherein air is fed from outside into the inner part of the heat exchanger through the  
air inlet unit and then the air flows towards the blower through a first predetermined portion  
10 of the evaporator to thereby supply first heat-exchanged air and thereafter, the first heat-  
exchanged air is fed to the air outlet unit through a second predetermined portion of the  
evaporator by the blowing operation of the blower to thereby supply second heat-exchanged  
air.
- 15 2. The heat exchanger according to claim 1, wherein the blower is located opposite to  
the air inlet unit and the air outlet unit with regard to the evaporator, wherein the blower, the  
air inlet unit and the air outlet unit are arranged horizontally on a substantially same plane.
3. The heat exchanger according to claim 2, wherein the air inlet unit is located in front  
20 of the first predetermined portion of the evaporator, and the air outlet unit is located in front  
of the second predetermined portion of the evaporator.
4. The heat exchanger according to claim 3, wherein the first predetermined portion  
and the second predetermined portion are a center portion and an end portion of the  
25 evaporator, respectively.
5. The heat exchanger according to claim 3, wherein the first predetermined portion  
and the second predetermined portion are an end portion and a center portion of the  
evaporator, respectively.
- 30 6. The heat exchanger according to claim 1, further comprising a guide unit for guiding  
flow of the first heat-exchanged air.
7. A heat exchanger comprising:  
35 an evaporator having a first predetermined portion and a second predetermined  
portion;

at least one blower;  
at least one air inlet; and  
at least one air outlet,

wherein the first predetermined portion of the evaporator is disposed between the at  
least one air inlet and the blower and the second predetermined portion of the evaporator is  
disposed between the blower and the at least one air outlet.

8. The heat exchanger according to claim 7, wherein the at least one air inlet and the at  
least one air outlet are arranged horizontally on substantially the same plane.

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9. The heat exchanger according to claim 7, wherein the at least one air inlet is located  
in front of the first predetermined portion of the evaporator and the at least one air outlet is  
located in front of the second predetermined portion of the evaporator.

15 10. The heat exchanger according to claim 7, wherein the first predetermined portion  
and the second predetermined portion are a center portion and an end portion of the  
evaporator, respectively.

11. The heat exchanger according to claim 7, wherein the first predetermined portion  
20 and the second predetermined portion are a center portion and an end portion of the  
evaporator, respectively.

12. The heat exchanger according to claim 7, further comprising a guide unit for directing  
air flow from the at least one air inlet through the first predetermined portion of the  
25 evaporator to the blower.

13. The heat exchanger according to claim 7, further comprising a guide unit for  
directing air flow from the blower through the second predetermined portion of the  
evaporator to the at least one air outlet.

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14. A method of conditioning air comprising the steps of:

- (a) providing the heat exchanger of claim 7;
- (b) providing unconditioned air into the at least one air inlet;
- (c) feeding at least a portion of the unconditioned air through a first

35 predetermined portion of the evaporator towards the blower;

(d) directing at least a portion of the first heat-exchanged air from the blower through a second predetermined portion of the evaporator.

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